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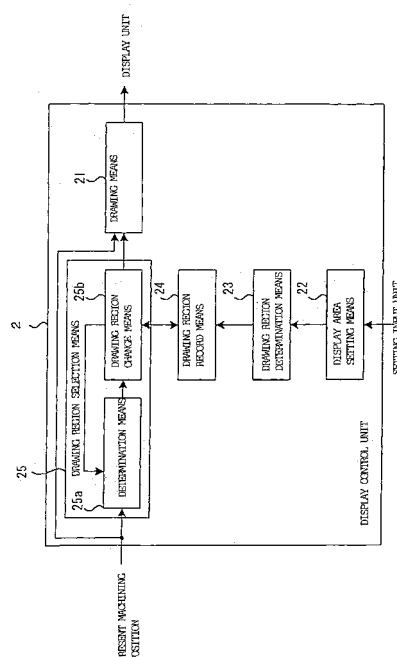
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(54) **Machining configuration drawing apparatus and machining configuration drawing method**

(57) A machining configuration drawing apparatus includes a drawing unit (21) for drawing a machining configuration and a present machining position, a setting unit (22) for setting a display area in an overall drawing area, a division unit (23) for dividing the overall drawing area into a plurality of display areas based on the set display area, and a selection unit (25) for selecting a drawing region to be drawn by the drawing unit (21) from a plurality of possible drawing regions. The selection unit (25) selects a drawing region in which a present machining position exists. Further, the drawing unit (21) draws a machining configuration and the present machining position of the selected drawing region.

FIG. 2





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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	EP 0 121 100 A (MITSUBISHI ELECTRIC CORP [JP]) 10 October 1984 (1984-10-10) * page 9, line 16 - page 11, line 15 * -----	1-4,8,9	INV. G05B19/4068
A	US 5 831 407 A (OUCHI SADAMI [JP] ET AL) 3 November 1998 (1998-11-03) * column 6, line 17 - column 7, line 39 * -----	1-4,8,9	
			TECHNICAL FIELDS SEARCHED (IPC)
			G05B
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 8 November 2007	Examiner MESSELKEN, M
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☒ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:
see annex
- ☐ The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-4, 8, 9

Machining configuration drawing apparatus and method with means for drawing a machining configuration and a present machining position and display area setting means for setting a display area in an overall drawing are, and, furthermore, means for dividing the overall drawing area into a plurality of drawing regions based on the set display area and means for selecting a drawing region in which the present machining position exists.

2. claims: 5-7, 10

Machining configuration drawing apparatus and method with means for drawing a machining configuration and a present machining position and display area setting means for setting a display area in an overall drawing are and, furthermore, means for creating a drawing region in which the present machining position coincides with the predetermined position based on a result of monitoring of position monitor means.

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 05 25 1564

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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08-11-2007

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82